

METHOD AND SYSTEM FOR REPORTING XML DATA  
BASED ON PRECOMPUTED CONTEXT AND A DOCUMENT OBJECT MODEL

ABSTRACT OF THE DISCLOSURE

5 A method and system for modifying program  
applications of a legacy computer system to directly  
output data as XML using a DOM instance, models the  
legacy computer system, maps the model to an XML schema  
and automatically modifies one or more applications to  
directly output XML formatted data from an internally  
constructed DOM instance in cooperation with a writer  
engine. The writer engine allows for an arbitrary number  
10 of contexts to be simultaneously active and builds a  
complete DOM instance by using the multiple contexts to  
buffer output data. The writer engine directly loads XML  
schema information to construct and output DOM instances  
in accordance with the schema and subject to further  
15 transformation by XSLT stylesheets.

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